MEDITECH’s Patient Care and Patient Safety solution offers nurses, therapists, and other clinicians a new tool to perform tasks while driving safe patient care and mobility, through Expanse Point of Care software. It enables clinicians to carry out the most common care interventions or bedside medication administration whenever and wherever they are needed, while accessing data readily available within the electronic patient record.

As caseloads for clinicians increase, Point of Care eliminates the need for large, disruptive devices, or having to document retrospectively at a desktop device. Instead, care providers can conveniently review patient lists and manage workload in real time, using the smartphone or mobile device they already have in their pocket. Clinicians can easily launch Expanse Point of Care for quick navigation and usability at the patient’s bedside, using the tool most convenient for the task at hand, based on their workflow and patient population.

**Prioritize Workload with Patient Lists**

To help clinicians prioritize their workloads, our Point of Care Patient List provides clinicians with a worklist of patients that is completely in sync with their patient assignments. Featuring quick patient information on-the-go, the Patient List can be sorted with summaries of due and overdue interventions and administrations. Other features include icon-based notifications of new information and tasks with a quick launch to the patient’s chart. It also enables users to:

- View a full list of currently assigned patients.
- Receive icon-based notifications of new orders, results, medications, and tasks (e.g., medication verification or care intervention documentation).
- Enhance patient identification and safety through mobile barcode scanning.
- Sort patient lists by name, room and bed, or next action to prioritize workloads.
- Receive real-time updates of patient information.
- Access the patient’s chart from the worklist.
Access Patient Data With Chart Views

After accessing a patient’s record from the Patent List, clinicians are brought to the patient data screen. Here, clinicians get a quick overview of the patient, such as allergies, problems, code status, and vital signs. Point of Care software enables clinicians to view a real-time patient summary or launch into patient charts to view additional data from across the continuum of care. Data includes but is not limited to:

- Current and historical medications
- Current and historical interventions
- Detailed allergies/adverse drug reactions
- Clinical data
- Care providers
- Recent orders and results
- Queries
- Problem lists
- Resuscitation statuses
- Additional user-defined data.

The patient data screen, including information and the order it displays, is completely configurable to best fit each clinician and their workflow or location. Upon launching the patient data screen, the icon furthest to the left (e.g., Info icon) will default first, allowing clinicians to scroll up and down depending on the amount of information included in their customized displays. Organizations should determine which icon should default and the order based on each user type. For example, respiratory therapists may always be roaming throughout a facility and need to see a patient summary, orders, medications, and care assessments on their point-of-care device.

Verify and Administer Medications Safely

To improve patient safety and increase clinician efficiency at the bedside, our Medication Administration Record (MAR) and Bedside Verification (BV) components are embedded into our Point of Care software, supporting barcode technology at the point of care. Using the native wireless/Bluetooth barcode scanner on devices, clinicians can safely administer medications by confirming a patient’s identity and medications against data available within the MAR, ensuring all rights of safe medication administration. Clinicians can:

- Access a medication worklist with icon-based indicators, such as monographs, associated data, and protocols.
- Identify due and overdue administrations through color-coding.
- Scan, acknowledge, review, administer, and co-sign medications.
- Document medication assessments and reassessments.
- View and override medication conflicts and renewal warnings.
• Review additional medication details, (e.g., the protocol and taper schedule).

MEDITECH’s full integration creates a closed-loop medication delivery system. Point of Care software can significantly save time and promote patient safety, which reduces preventable errors that can ultimately lead to increased organizational penalties and costs due to adverse events, hospital-acquired infections, and longer lengths of stay. As new medications are ordered, they will appear in Point of Care in real time. Likewise, once clinicians document medication administrations using Point of Care, the administration updates the electronic patient record instantly. As Point of Care runs on the browser and no patient information is saved to the device, there is no need to sync, upload, or download data.

Upon scanning the patient’s wristband and medication labels, the clinician can receive the same clinical decision support pop-up warnings on their point-of-care device as they would within the MAR. For example, the clinician can be prompted with the latest clinical values that relate to the medications (e.g., associated data), all order information, protocols, dose instructions, and label comments (e.g., “hold if pulse <60”) for a clear picture of what is needed for the administration. Additionally, clinicians can be required to document values within medication assessments, such as pulse rate, in order to document the administration. When entering the pulse, the clinician can receive pop-up messages on the assessment screen to not administer if the pulse is out of range, providing clinical guidance for safe medication administration.

Once administered, the medications screen displays the barcode icon next to the medication, indicating which medications were verified at the bedside. Furthermore, clinicians can quickly document any medication reassessments without needing to bring a larger workstation device into the patient’s room for a few questions with the patient.

**Easily Document Care**

Clinicians have immediate access to our intuitive documentation capabilities through an easy, modern user interface on their point-of-care devices, including the ability to:

- Easily enter patient information into the chart.
- Add, document, and edit interventions and assessments.
- Receive immediate color-coded notification of due and overdue documentation.
- Modify documentation frequency, occurrence, and time.
- Recall data on assessments.
- Benefit from rules-based logic.
For example, assessments such as vital signs can be documented easily at the point of care by a variety of care providers (e.g., CNAs, respiratory therapists). As you tap on a response, the screens advance, reducing the amount of tapping that is actually needed. Completed assessments are easy to read and clinicians can make changes as needed, or just save off and return to the patient list.

**Experience Increased User Satisfaction**

Expanse Point of Care gives your clinicians the mobile tools they are looking for, so they can do more, with more on-the-go tools at the bedside. Our intuitive design keeps training simple and easy, as most clinicians are already using smartphone technology. Your clinicians will love the ease of use and gained mobility from using Point of Care for the type of information they document. Clinicians can now have the right device, at the right time, for the right task, enhancing their end user experience and job satisfaction.

MEDITECH Expanse Point of Care software uses the features native to browsers running on current generation handheld devices. A purpose-built mobile device with an integrated scanner is highly recommended for a better user experience.

**Engage Your Patients**

Point of Care makes the patient an active participant in their care, by enabling clinicians to document with ease while facing and talking with them. Data documented at the patient’s bedside, can be made available for the patient upon discharge via our Patient and Consumer Health Portal. The more providers engage with their patients, the more patients will feel empowered to take charge of their own health.

For more information, contact a MEDITECH Marketing Consultant.